PROCOM

Blower for the FBD28 series & FBD32 series Fireplace

PACKAGE CONTENTS

Before beginnig assembly of product, make sure all parts are present. Compare parts with package contents list and diagram under. If any part is missing or damaged, do not attempt to assemble, install or operate the product. Contact customer service for replacement parts.

Estimated Assembly Time: 30 minutes.

Tool List For Assembly (Not Included):

KEY NO	DESCRIPTION	QUANTITY
1	PHILLIPS SCREWDRIVER	1
2	WIRE CUTTING PLIERS	1

Part List

KEY NO	PART NUMBER	DESCRIPTION	QUANTITY
1	XB001-01	Power Cord	1
2	XB002-01F	Blower	1
3	XB003-01	Temperature Sensor	1
4	XB004-01F	Connect Wire	1
5	PF06-0400-A	Rocker Switch	1
6	M4.2×8	Screw	6
7	4.0×8	Screw	1
8	VL057-03	Cable Tie	6

IMPORTANT: Read all instructions and warnings carefully before starting installation. Failure to follow these instructions may result in a possible electric shock, fire hazard and will void the warranty.

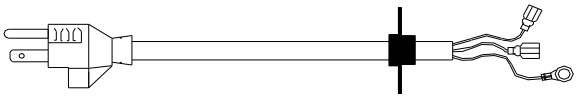
Question, problems, missing parts? Before returning to your retailer, call our customer service department at 1-877-866-5989 in English.

Safety Information

1. Read all instructions before using this appliance.
2. If possible always unplug this appliance when not in use.
3. Do not operate any heater with a damaged cord or plug or after the appliance malfunctions, has been dropped or damaged in any manner.
4. Any repairs to this appliance should be carried out by a qualified service person.
5. Under no circumstances should this appliance be modified. Parts having to be removed for servicing must be replaced prior to operating this appliance again.
6. Do not use outdoors.
7. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate this appliance where it may fall into a bathtub or other water container.
8. Do not run cord under carpeting. Do not cover cord with throw rugs, runners or the like. Arrange cord away from traffic areas and where it will not be tripped over.
9. To disconnect this appliance, turn controls to the off position, then remove plug from outlet.
10. Connect to properly grounded outlets only.
11. This appliance, when installed must be electrically grounded in accordance with local codes, with the current CSA C22.1 Canadian Electrical codes or for USA installations, follow local codes and the National Electric Code, ANSI/NFPA No. 70.
12. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock, fire or damage the appliance.
13. To prevent possible fire, do not block air intakes or exhaust in any manner.
14. Use this appliance only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
15. Avoid the use of an extension cord because of the risk of overheating the cord and the risk of fire. Extension cords are for temporary use only. If an extension cord must be used, it must be UL/CSA certified, rated at 15A (1875W), 125V maximum with 14 AWG minimum and constructed of two current carrying conductors with ground. A heavy duty extension cord with the shortest length possible for the connection is recommended and must not be longer than 50 ft. (15.2 m). Do not coil or cover the extension cord.

Exploded Drawing

1



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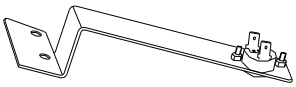

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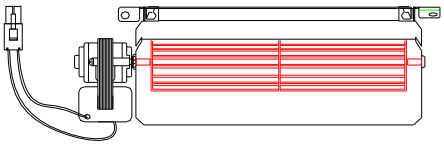

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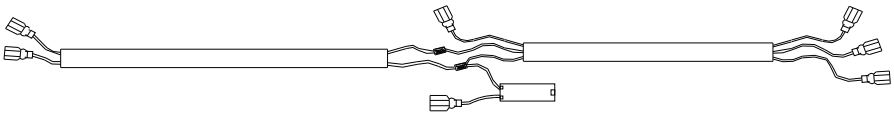

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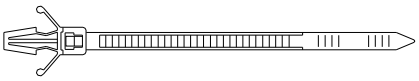


Assembly Procedure for Item FBD28 Series Optional Parts:

NOTICE: Shut off gas heater during the following blower installation.

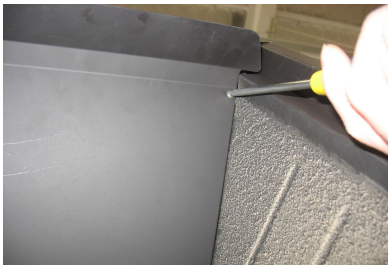


Figure 1 Remove upper fire box by unscrewing left/right screws on the fire box.

Figure 2 Unscrew two screws on heat insulation board cover and draw it out.

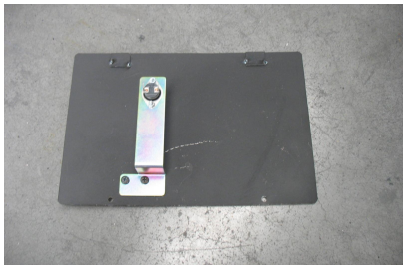


Figure 3 Fix temperature sensor to heat insulation board cover as shown in the figure.

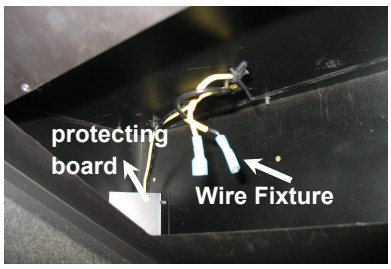


Figure 4 Insert wires into the space between wire protecting board and shell; Fix the wires to the top cover with wire fixture.

Figure 5 Connect temperature sensor with lead; Install the cover according to Figure 2, then fix the upper fire box according to Figure 1.

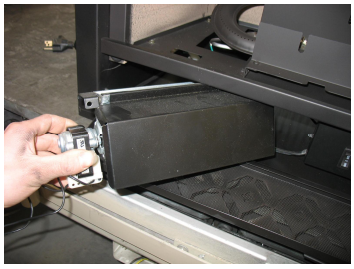


Figure 6 Insert blower assembly into the bottom space of burner pan according to Figure 7. Pay attention not to touch wires inside.

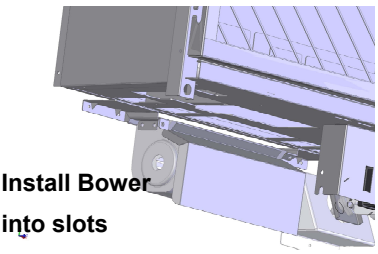


Figure 7 Set Blower plane and fix it onto two brackets of shell board. Please refer to Figure 6. Make sure Blower is installed into the slots.

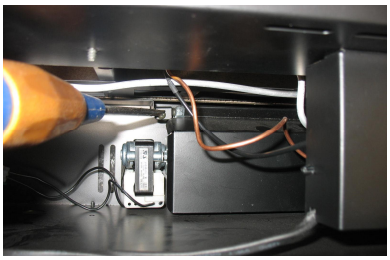


Figure 8 Fix Blower with one screw, after manually install it into slots.

Figure 9 Fix the wires, which is matched with metal wafer, to the shell with three screws.

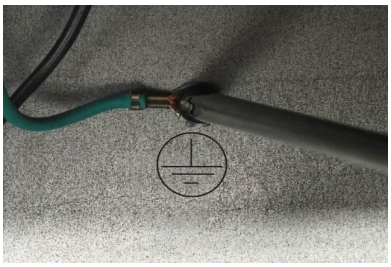


Figure 10 Fix the grounding.

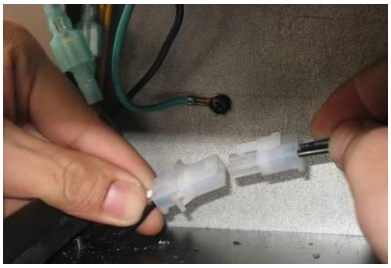


Figure 11 Insert the blower.

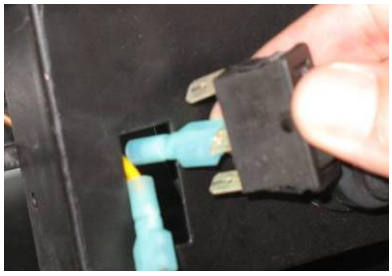


Figure 12 Connect the port and shell board with linker (male port) into the three wires preset aside screws (please refer to linker (female port) preset (red, yellow and black) with grounding label); add gasket aside. switch separately. Codes between shell board and on wires must correspond grounding port with those on the rocke

Figure 13 Push the rocker switch into the hole on the panel.

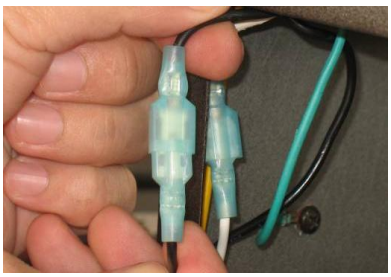


Figure 14 Insert the male port, which is on the black power supply wire (marked with P2), into the corresponding female port (marked with P2).

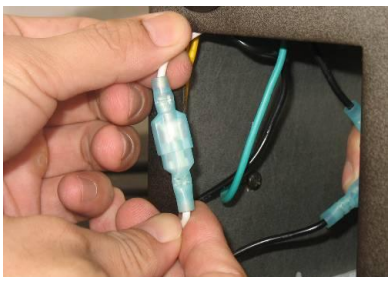
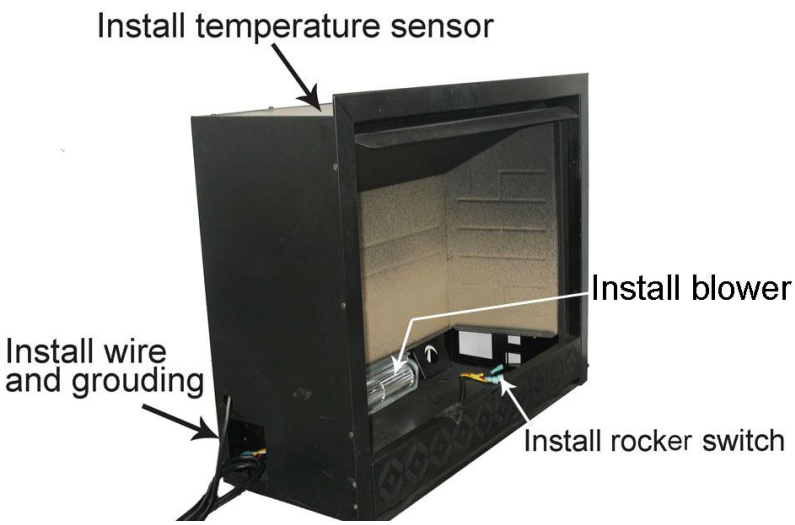
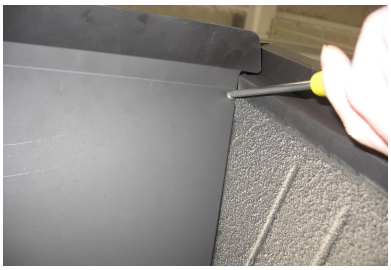


Figure 15 Insert the female port, which is on the white power supply wire (marked with P1), into the corresponding male port. **(marked with P1).**



Assembly Procedure for Item FBD32 Series Optional Parts:

NOTICE: Shut off gas heater during the following blower installation.



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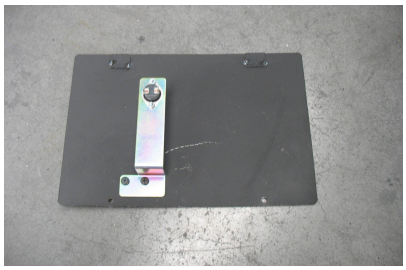


Figure 3 Fix temperature sensor to heat insulation board cover as shown in the figure.

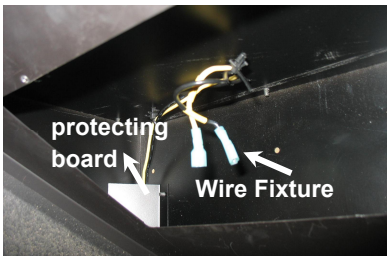


Figure 4 Insert wires into the space between wire protecting board and shell; Fix the wires to the top cover with wire fixture.

Figure 5 Connect temperature sensor with lead; Install the cover according to Figure 2, then fix the upper fire box according to Figure 1.

Figure 6 Unscrew and remove panel on the left side.

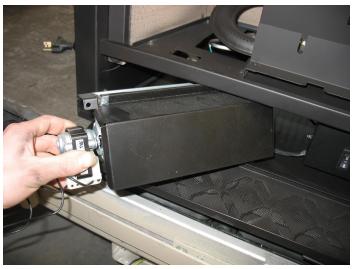
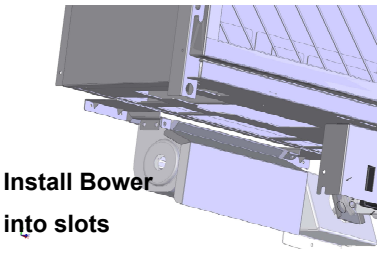


Figure 7 Insert blower assembly into the bottom space of burner pan according to Figure 8. Pay attention not to touch wires inside.



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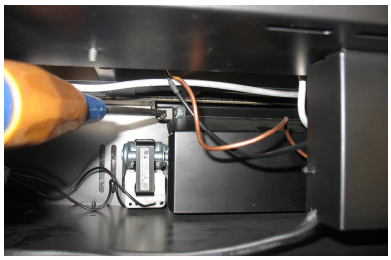

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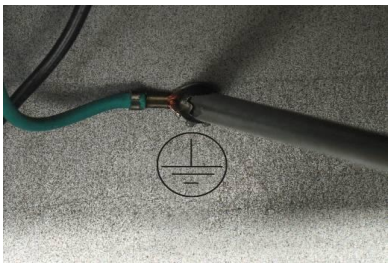


Figure 11 Fix the grounding.

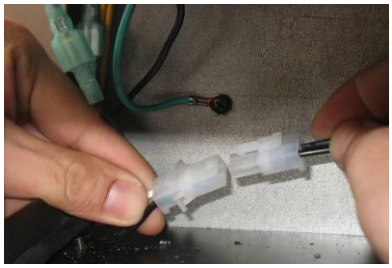


Figure 12 Insert the blower.

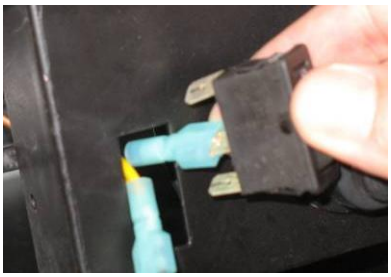


Figure 13 Connect the port and shell board with linker (male port) into the three wires preset aside screws (please refer to linker (female port) preset (red, yellow and black) with grounding label); add gasket aside. switch separately. Codes between shell board and on wires must correspond grounding port with those on the rocker.

Figure 14 Push the rocker switch into the hole on the panel.

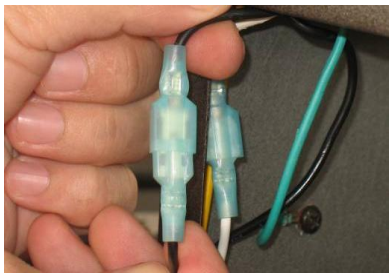


Figure 15 Insert the male port, which is on the black power supply wire (marked with P2), into the corresponding female port (marked with P2).

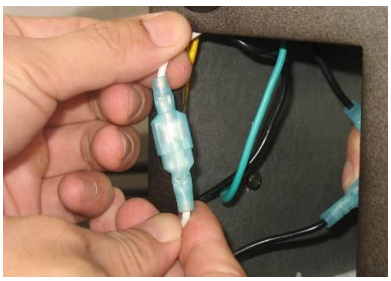
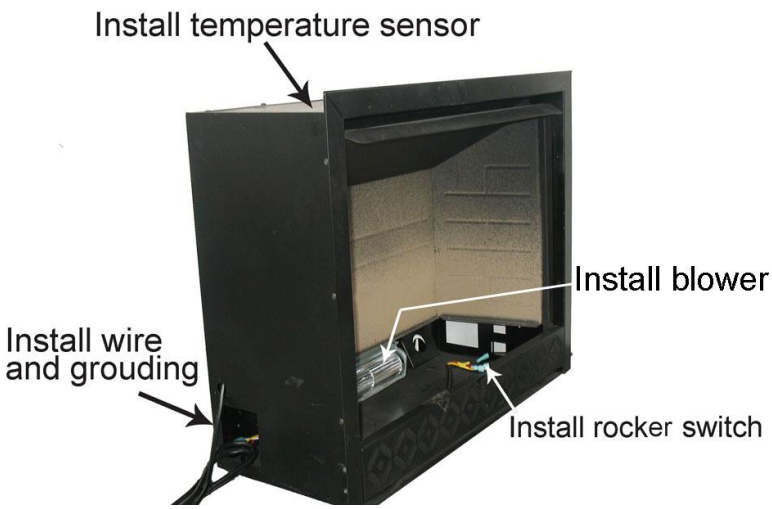


Figure 16 Insert the female port, which is on the white power supply wire (marked with P1), into the corresponding male port.
(marked with P1).



Electrical Connection

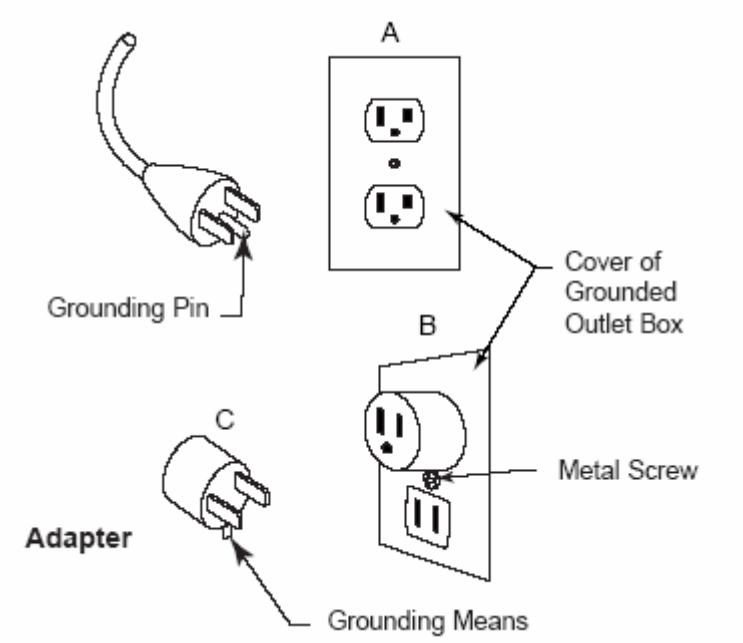
A 15 amp, 120 Volt, 60 Hz circuit with a properly grounded outlet is required. Preferably, the fireplace will be on a dedicated circuit as other appliances on the
same circuit may cause the circuit breaker to trip or the fuse to blow when the heater
is in operation. Plan the installation to avoid the use of an extension cord. Extension cords are for temporary use only. If an extension cord must be used, it must be UL/CSA certified, rated at 15A (1875W), 125V maximum with 14 AWG minimum and constructed of two current carrying conductors with ground. A heavy duty extension cord with the shortest length possible for the connection is recommended and must not be longer than 50 ft. (15.2 m). Do not coil or cover the extension cord.

⚠ Electrical outlet wiring must comply with local building codes and other applicable regulations to reduce the risk of fire, electrical shock and injury to persons.

⚠ Do not use this fireplace if any part of it has been under water. Immediately call a qualified service technician to inspect the fireplace and replace any part of the electrical system which has been under water.

Grounding Instructions

This heater is for use on 120 volts. The cord has a plug as shown at A in Figure 1. An adapter as shown at C is available for connecting three-blade grounding-type plugs to two-slot receptacles. The green grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.



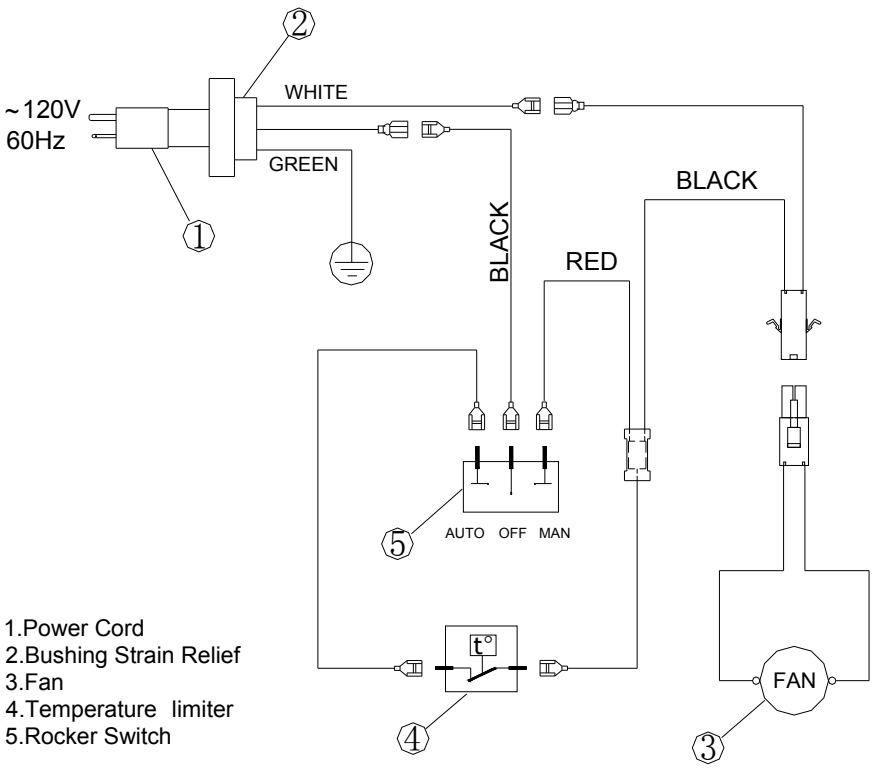
Operating Instructions

Using Rocker Switch, turn blower on and check for operation. Turn on Rocker Switch to the desired position. In the **MAN** position it will remain constantly on. **AUTO** position will be controlled by the Temperature Sensor. To stop the operation turn Rocker Switch to the **OFF** position.

Electrical Wiring Diagram

Any electrical repairs or rewiring of this unit should be carried out by a licensed electrician in accordance with national and local codes.

⚠ If repairing or replacing any electrical component or wiring, the original wire routing, color coding and securing locations must be followed.



1.Power Cord
2.Bushing Strain Relief
3.Fan
4.Temperature limiter
5.Rocker Switch

⚠ **WARNING:** Disconnect Power Before Servicing.

Any electrical re-wiring of this appliance must be done by a qualified electrician. This wiring must be done in accordance with local codes and/or in Canada with the current CSA C22.1 Canadian Electrical Code, and for US installations, the National Electrical Code ANSI/NFPA NO 70.

Maintenance of Motors

Always disconnect the appliance from the main power supply and allow it to cool before any servicing operation.
The motors used on the fan heater and flame blower are pre-lubricated for extended bearing life and require no further lubrication. However, periodic cleaning/vacuuming of the appliance around the air intake and exhaust, as well as the fan heater is recommended. For heavy or continuous use, periodic cleaning must be done more frequently. If the heater blows alternating cold and warm air, check the fan for free movement and for debris restricting air flow. If the fan does not move freely, the unit must be turned off and the fan replaced immediately in order to prevent further damage to the unit.

⚠ **WARNING:** Make sure the power is turned OFF before proceeding.